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REVISIONS				
ZONE	LTR.	DESCRIPTION	DATE	APPROVED

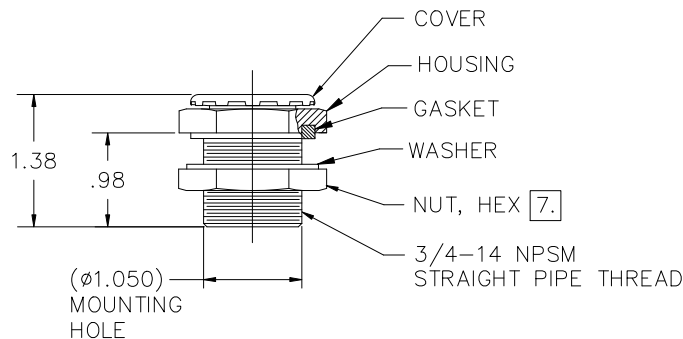
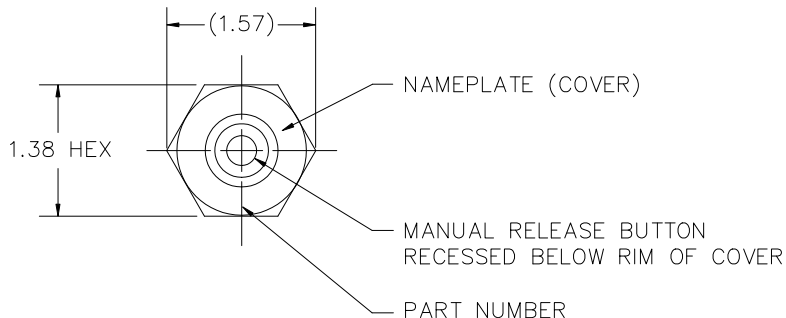
APPROVED
By Eric Zuercher at 5:22 pm, Apr 07, 2020

NOTES UNLESS OTHERWISE SPECIFIED:

- NOMENCLATURE: VALVE, BREATHER, TWO-WAY RELIEF WITH MANUAL RELEASE BUTTON.
- APPLICABLE SPECIFICATION: SAE AS27166, TYPE III, WITH MODIFIED PERFORMANCE AS SHOWN IN TABLES ON SHEETS 2 AND 3.
- PERFORMANCE: SEE TABLES ON SHEETS 2 AND 3.
- MATERIALS:
 - HOUSING, COVER, RELEASE BUTTON, NUT, AND WASHER: ALUMINUM ALLOYS.
 - GASKET AND INTERNAL SEALS (NOT SHOWN): SILICONE RUBBER IAW A-A-59588.
- FINISH: HOUSING, NUT, AND WASHER, ANODIZED IAW MIL-A-8625, TYPE II, CLASS 1.
- THE FOLLOWING ITEMS FURNISHED AS PART OF THIS ASSEMBLY MAY BE PURCHASED SEPARATELY:

P/N 300200	GASKET
300013-16	WASHER
300003-16	NUT

- RECOMMENDED INSTALLATION TORQUE: 30-40 IN-LBS.



(OUT OF CONTAINER)
↑
AIR FLOW "P"
↓
AIR FLOW "V"
(INTO CONTAINER)

				INTERPRET DIMENSIONS AND TOLERANCES IAW ASME Y14.5M-1994		CONTRACT		agm CONTAINER CONTROLS, INC. P.O. BOX 40020 - TUCSON, ARIZONA 85717-0020			
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN		DATE		TITLE	
				TOLERANCES:		M.ONTIVEROS		8-4-15		VALVE, BREATHER	
				DECIMALS .XX ±.015 ±.02		CHECK		8-18-15			
				ANGLES ±.5°		E.ZUERCHER		8-18-15			
				DO NOT SCALE DRAWING		APPROVED					
				FINISH		E.ZUERCHER		8-18-15			
				5.		MANUFACTURING					
PART DASH NO.		NEXT FINAL		NEXT ASSY.		USED ON		SIMILAR TO		CUSTOMER	
		QTY. REQ'D PER ASSY.		APPLICATION							

SIZE C		FSCM NO. 08992		DWG. NO. TA333-R		REV E	
SCALE 1/1		RELEASE DATE		SHEET 1 OF 3			

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REVISIONS

ZONE	LTR.	DESCRIPTION	DATE	APPROVED

RESEAL VALVES PERFORMANCE

PART NUMBER	PRESSURE SIDE (FLOW OUT)			VACUUM SIDE (FLOW IN)		
	CRACKING PRESSURE RANGE (PSID)	RESEAL PRESSURE AFTER CRACK, MIN (PSID)	MINIMUM FLOW RATE (SCFM BY PSID)	CRACKING PRESSURE RANGE (PSID)	RESEAL PRESSURE AFTER CRACK, MIN (PSID)	MINIMUM FLOW RATE (SCFM BY PSID)
TA333-025-025-R	0.25-0.75	0.25	3 BY 1.75	0.25-0.75	0.25	4 BY 1.75
TA333-05-05-R	0.50-1.00	0.50	3 BY 2.00	0.50-1.00	0.50	4 BY 2.00
TA333-05-10-R	0.50-1.00	0.50	3 BY 2.00	1.00-1.50	1.00	3.5 BY 2.50
TA333-05-15-R	0.50-1.00	0.50	3 BY 2.00	1.50-2.25	1.50	3 BY 3.00
TA333-05-20-R	0.50-1.00	0.50	3 BY 2.00	2.00-3.00	2.00	3 BY 3.50
TA333-05-25-R	0.50-1.00	0.50	3 BY 2.00	2.50-3.50	2.50	2.5 BY 4.00
TA333-10-05-R	1.00-1.50	1.00	2.5 BY 2.50	0.50-1.00	0.50	4 BY 2.00
TA333-10-10-R	1.00-1.50	1.00	2.5 BY 2.50	1.00-1.50	1.00	3.5 BY 2.50
TA333-10-15-R	1.00-1.50	1.00	2.5 BY 2.50	1.50-2.25	1.50	3 BY 3.00
TA333-10-20-R	1.00-1.50	1.00	2.5 BY 2.50	2.00-3.00	2.00	3 BY 3.50
TA333-10-25-R	1.00-1.50	1.00	2.5 BY 2.50	2.50-3.50	2.50	2.5 BY 4.00
TA333-10-30-R	1.00-1.50	1.00	2.5 BY 2.50	3.00-4.00	3.00	2.5 BY 4.50
TA333-15-05-R	1.50-2.25	1.50	2 BY 3.00	0.50-1.00	0.50	4 BY 2.00
TA333-15-10-R	1.50-2.25	1.50	2 BY 3.00	1.00-1.50	1.00	3.5 BY 2.50
TA333-15-15-R	1.50-2.25	1.50	2 BY 3.00	1.50-2.25	1.50	3 BY 3.00
TA333-15-20-R	1.50-2.25	1.50	2 BY 3.00	2.00-3.00	2.00	3 BY 3.50
TA333-15-25-R	1.50-2.25	1.50	2 BY 3.00	2.50-3.50	2.50	2.5 BY 4.00
TA333-15-30-R	1.50-2.25	1.50	2 BY 3.00	3.00-4.00	3.00	2.5 BY 4.50
TA333-20-05-R	2.00-3.00	2.00	2 BY 3.50	0.50-1.00	0.50	4 BY 2.00
TA333-20-10-R	2.00-3.00	2.00	2 BY 3.50	1.00-1.50	1.00	3.5 BY 2.50
TA333-20-15-R	2.00-3.00	2.00	2 BY 3.50	1.50-2.25	1.50	3 BY 3.00
TA333-20-20-R	2.00-3.00	2.00	2 BY 3.50	2.00-3.00	2.00	3 BY 3.50
TA333-20-25-R	2.00-3.00	2.00	2 BY 3.50	2.50-3.50	2.50	2.5 BY 4.00
TA333-20-30-R	2.00-3.00	2.00	2 BY 3.50	3.00-4.00	3.00	2.5 BY 4.50
TA333-25-05-R	2.50-3.50	2.50	1.5 BY 4.00	0.50-1.00	0.50	4 BY 2.00
TA333-25-10-R	2.50-3.50	2.50	1.5 BY 4.00	1.00-1.50	1.00	3.5 BY 2.50
TA333-25-15-R	2.50-3.50	2.50	1.5 BY 4.00	1.50-2.25	1.50	3 BY 3.00
TA333-25-20-R	2.50-3.50	2.50	1.5 BY 4.00	2.00-3.00	2.00	3 BY 3.50
TA333-25-25-R	2.50-3.50	2.50	1.5 BY 4.00	2.50-3.50	2.50	2.5 BY 4.00
TA333-25-30-R	2.50-3.50	2.50	1.5 BY 4.00	3.00-4.00	3.00	2.5 BY 4.50
TA333-25-35-R	2.50-3.50	2.50	1.5 BY 4.00	3.50-5.00	3.50	1.5 BY 5.00
TA333-30-10-R	3.00-4.00	3.00	1.5 BY 4.50	1.00-1.50	1.00	3.5 BY 2.50
TA333-30-15-R	3.00-4.00	3.00	1.5 BY 4.50	1.50-2.25	1.50	3 BY 3.00
TA333-30-20-R	3.00-4.00	3.00	1.5 BY 4.50	2.00-3.00	2.00	3 BY 3.50
TA333-30-25-R	3.00-4.00	3.00	1.5 BY 4.50	2.50-3.50	2.50	2.5 BY 4.00
TA333-30-30-R	3.00-4.00	3.00	1.5 BY 4.50	3.00-4.00	3.00	2.5 BY 4.50
TA333-35-35-R	3.50-5.00	3.50	1.5 BY 5.00	3.50-5.00	3.50	2.5 BY 5.00
TA333-40-40-R	4.00-5.50	4.00	1 BY 5.50	4.00-5.50	4.00	1 BY 5.50
TA333-50-20-R	5.00-6.50	5.00	1 BY 8.00	2.00-3.00	2.00	3 BY 3.50
TA333-50-50-R	5.00-6.50	5.00	1 BY 8.00	5.00-6.50	5.00	1 BY 8.00

SIZE C	FSCM NO. 08992	DWG. NO. TA333-R	REV E
SCALE NONE	SHEET 2		

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REVISIONS

ZONE	LTR.	DESCRIPTION	DATE	APPROVED

CRACKING VALVE PERFORMANCE

PART NUMBER	PRESSURE SIDE (FLOW OUT)			VACUUM SIDE (FLOW IN)		
	CRACKING PRESSURE RANGE (PSID)	RESEAL PRESSURE AFTER CRACK, MIN (PSID)	MINIMUM FLOW RATE (SCFM BY PSID)	CRACKING PRESSURE RANGE (PSID)	RESEAL PRESSURE AFTER CRACK, MIN (PSID)	MINIMUM FLOW RATE (SCFM BY PSID)
TA333-02C-02C-R	0.10-0.30	0.10	3.5 BY 1.75	0.10-0.30	0.10	3.5 BY 1.75
TA333-025C-025C-R	0.10-0.40	0.10	3.5 BY 1.75	0.10-0.40	0.10	3.5 BY 1.75
TA333-025C-05C-R	0.10-0.40	0.10	3.5 BY 1.75	0.30-0.70	0.10	4 BY 2.00
TA333-05C-025C-R	0.30-0.70	0.10	3 BY 2.00	0.10-0.40	0.10	3.5 BY 1.75
TA333-05C-05C-R	0.30-0.70	0.10	3 BY 2.00	0.30-0.70	0.10	4 BY 2.00
TA333-05C-075C-R	0.30-0.70	0.10	3 BY 2.00	0.55-0.95	0.30	4 BY 2.00
TA333-05C-10C-R	0.25-0.75	0.10	3 BY 2.00	0.75-1.25	0.50	4 BY 2.00
TA333-05C-15C-R	0.30-0.70	0.10	3 BY 2.00	1.25-1.75	1.00	3 BY 3.00
TA333-07C-07C-R	0.50-0.90	0.30	3 BY 2.00	0.50-0.90	0.30	4 BY 2.00
TA333-10C-025C-R	0.75-1.25	0.50	3 BY 2.00	0.10-0.40	0.10	3.5 BY 1.75
TA333-10C-05C-R	0.75-1.25	0.50	3 BY 2.00	0.25-0.75	0.10	4 BY 2.00
TA333-10C-10C-R	0.75-1.25	0.50	3 BY 2.00	0.75-1.25	0.50	4 BY 2.00
TA333-10C-20C-R	0.75-1.25	0.50	3 BY 2.00	1.75-2.25	1.50	3 BY 3.50
TA333-10C-25C-R	0.75-1.25	0.50	3 BY 2.00	2.20-2.80	2.00	2 BY 4.00
TA333-12C-12C-R	0.95-1.45	0.50	3 BY 2.20	0.95-1.45	0.50	4 BY 2.20
TA333-15C-15C-R	1.25-1.75	1.00	3 BY 3.00	1.25-1.75	1.00	3 BY 3.00
TA333-18C-18C-R	1.55-2.05	1.30	2 BY 3.00	1.55-2.05	1.30	3 BY 3.00
TA333-20C-025C-R	1.75-2.25	1.00	2 BY 3.50	0.10-0.40	0.10	3.5 BY 1.75
TA333-20C-20C-R	1.75-2.25	1.00	2 BY 3.50	1.75-2.25	1.00	3 BY 3.50
TA333-25C-025C-R	2.20-2.80	1.50	2 BY 4.00	0.10-0.40	0.10	3.5 BY 1.75
TA333-25C-05C-R	2.20-2.80	1.70	2 BY 4.00	0.25-0.75	0.10	4 BY 2.00
TA333-25C-25C-R	2.20-2.80	1.50	2 BY 4.00	2.20-2.80	1.50	2 BY 4.00
TA333-30C-30C-R	2.70-3.30	2.00	1.5 BY 4.50	2.70-3.30	2.00	1.5 BY 4.50
TA333-32C-32C-R	2.70-3.70	2.50	1.5 BY 4.70	2.70-3.70	2.50	1.5 BY 4.70
TA333-40C-40C-R	3.25-4.75	3.00	1 BY 5.50	3.25-4.75	3.00	1 BY 5.50
TA333-55C-55C-R	5.00-6.00	4.50	1 BY 7.00	5.00-6.00	4.50	1 BY 7.00

SIZE C	FSCM NO. 08992	DWG. NO. TA333-R	REV E
SCALE NONE	SHEET 3		

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